REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE

(ER 1130-2-316)

PAGE 1 OF 3 PAGE

DATE

August 2021

TO:

FOR THE RECORD

FROM: U.S Army Engineer District, New York
Albany Field Office
1st Bond St Troy, NY 12180

RIVER/HARBOR NAME AND STATE

Hudson River, Kingston to Waterford

MINIMUM DEPTHS
IN CHANNEL
ENTERING FROM SEAWARD

Authorized Project			LEFT		RIGHT		
NAME OF CHANNEL	DATE	WIDTH	LENGTH	DEPTH	OUTSIDE	MIDDLE HALF	OUTSIDE
	OF				QUARTER		QUARTER
	SURVEY	(feet)	(N.Miles)	(feet)	(feet)	(feet)	(feet)
REACH 62-63		400	0.5	32.0	32.7	34.2	30.7
REACH 57-61		400	2.9	32.0	31.9	32.9	26.8
DEACHEC	10 0 20	400	2.2	22.0	22.5	22.4	20.4
REACH 56	10-Sep-20	400	2.2	32.0	32.5	33.1	29.4
REACH 55		400	2.3	32.0	29.7	30.7	34.3
1127 1011 33		100	2.0	32.0	23.7	30.7	33
REACH 53-54		400	1.7	32.0	31.4	32.3	31.7
REACH 51-52		400	1.2	32.0	38.3	31.6	29.4
REACH 49-50		400	2.7	32.0	30.8	29.3	28.3
		400		00.0	0.4.0		
REACH 47-48		400	2.3	32.0	31.2	31.3	27.4
REACH 44-46		400	1.6	32.0	32.2	32.6	30.2
REACH 44-40		400	1.0	32.0	32.2	32.0	30.2
REACH 42-43		400	1.5	32.0	34.9	34.6	24.1
REACH 40-41		400	0.7	32.0	31.2	36.8	23.6
REACH 37-39		400	2.5	32.0	26.3	32.6	28.6
REACH 35-36		400	0.8	32.0	26.9	35.6	35.5
DEACH 22.24		400	1 1	22.0	20.0	22.2	22.0
REACH 33-34		400	1.1	32.0	29.8	33.2	33.8

REMARKS

- 1. ALL DEPTHS REFER TO LOCAL COE PROJECT DATUM
- 2. LENGTH OF EACH REACH TO NAUTICAL MILES (1.15078 STATUTE MILES)

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		Authorized Project		LEFT RIG		RIGHT			
NAME OF CHANNEL	DATE	WIDTH	LENGTH	DEPTH	OUTSIDE	MIDDLE HALF	OUTSIDE		
	OF				QUARTER		QUARTER		
	SURVEY	(feet)	(N.Miles)	(feet)	(feet)	(feet)	(feet)		
	JORVEI	(1000)	(itilitines)	(1001)	(1001)	(icce)	(1000)		
REACH 31-32		400	2.5	32.0	29.1	29.8	28.8		
Hudson Anchorage						24.3			
REACH 29-30		400	2.1	32.0	28.3	28.3	27.8		
NEACH 29-30		400	2.1	32.0	20.3	20.3	27.0		
REACH 27-28		400	1.4	32.0	26.8	29.3	26.1		
REACH 25-26		400	1.5	32.0	28.6	29.4	27.4		
REACT 25 20		100	1.5	32.0	20.0	23.1	27.1		
REACH 23-24		400	1.8	32.0	27.8	29.6	30.7		
Stuyvesant Anchorage						29.8			
, 5									
REACH 18-22		400	2.9	32.0	28.1	30.4	24.8		
REACH 16-17		400	1.0	32.0	31.8	32.8	27.1		
REACH 14-15		400	1.5	32.0	29.6	32.3	27.9		
		400	4.3		27.0		20.7		
RECAH 12-13		400	1.3	32.0	27.3	32.8	30.7		
REACH 10-11		400	1.3	32.0	29.1	32.1	26.8		
REACH 6-9		400	1.7	32.0	25.8	31.2	25.8		
REACH 3-5		400	1.6	32.0	28.4	32.9	26.1		

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ENG FORM 4021-R, NOV 90

EDITION OF JUL 59 IS OBSOLETE

	S	PAGE 3 OF 3 PAGE							
	100 T	O 400 FEET		DATE					
	AUGUST 2021			T 2021					
(ER 1130-2-316) TO:				FROM: U.S Army Engineer District, New York					
FOR THE RECORD				Albany Field Office					
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RIVER/HARBOR NAME A	RIVER/HARBOR NAME AND STATE				MINIMUM DEPTHS				
Hudson River, Kingston to	Waterford				IN CHANNEL				
				ENTERING FROM SEAWARD			WARD		
		Author	rized Projec	ţ	LEFT		RIGHT		
NAME OF CHANNEL	DATE	WIDTH	LENGTH	DEPTH	OUTSIDE	MIDDLE HALF	OUTSIDE		
	OF				QUARTER		QUARTER		
	SURVEY	(feet)	(N.Miles)	(feet)	(feet)	(feet)	(feet)		
REACH 2		400	1.0	32.0	18.9	18.1	22.4		
Alle a very Trouville a Danie						27.0			
Albany Turning Basin						27.8			
REACH 1		400	0.5	32.0	15.1	13.8	13.6		
Head of the 27' Project to 900'									
South of Dunns Bridge		400	0.2	27.0	12.5	15.7	14.0		
900 FT south of Dunns Bridge to									
Albany Swing Bridge		400	0.9	14.0	9.0	9.5	13.9		
Albany Swing Bridge to Light 223 (Reache N26 to N25)		400	0.4	14.0	0.9	7.2	9.8		
(Redefic 1425 to 1425)		400	0.4	14.0	0.5	7.2	5.0		
Light 223 to Menands Bridge									
(Reach N25 to N18)		400	3.0	14.0	12.3	13.1	10.4		
Menands Bridge to Congress									
Bridge (Reach N17 to N14)		400	1.7	14.0	13.7	11.4	6.3		
Congress Bridge to Collar City Bridge (Reach N14 to N08)		400	0.5	14.0	10.4	6.4	5.7		
Shage (headh hiz real head)		400	0.5	14.0	10.4	0.4	3.7		
Collar City Bridge to Troy Lock and					_		_		
Dam (Reach N07 to N05)		400	0.9	14.0	5.6	11.7	8.3		
Troy Lock and Dam and Approach									
(Reach N05 to N04)		40-125	0.3	14.0	8.2	12.6	5.3		
Troy Lock and Dam to Waterford (Reach N04 to N01)		200	1.9	14.0	11.2	12.2	10.9		
·							=3.0		

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